

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Complete listing of Claims 1-32:

IN THE CLAIMS

Please amend the claims as follows.

1. (currently amended) A spotlight ~~for~~generating an output light beam of variable width, including; a filter housing having a recess portion;
a light source;~~and~~
a means for focusing the light from the light source to a light beam so that it has a selected focal length;~~and~~
an aperture ~~in a recess portion in a housing~~ for directing the focused light from ~~thesaid~~ light source to a first lens,
wherein the first lens is movable to adjust the width of said output light beam, and into a position about or at said selected focal length to minimize the output light beam width, in which position it is nested at least partially within thesaid recess portion
~~andwhen in a position~~ closely adjacent to said aperture, ~~said first lens being movable to adjust the width of said output light beam, wherein the first lens is moveable to the position closely adjacent to said aperture and about or at said selected focal length to minimise said output light beam width,~~
the spotlight~~and~~ further including a selectively variable filter wheelhousing having a plurality of filter zones~~two or more filters~~, said filter wheelhousing being rotatable to selectively interpose one of the filters zones between said light source and said aperture to filter light from said light source.
2. (previously amended) The spotlight of claim 1, wherein the selected focal length is such that the spotlight has an f number of between 1 and 1.6.

3. (original) The spotlight of claim 2, wherein the f number is at least 1.3.
4. (currently amended) The spotlight of claim 1, wherein the positioning of the first lens at or about the selected focal length maximizes~~maximises~~ the intensity of the output light beam.
5. (original) The spotlight of claim 4, wherein the intensity of the output light beam, at the focal point of the spotlight ranges between 2 megawatt/m² to 16 megawatts/m².

Claim 6 (cancelled)

Claim 7 (cancelled)

Claim 8 (cancelled)

9. (currently amended) The spotlight of claim 18, wherein the filter wheel ~~housing~~ has at least one chamber for receiving one of the filters.

Claim 10 (cancelled)

11. (currently amended) The spotlight of claim 14~~10~~, wherein the chambers are radially offset in the filter wheel~~housing~~ from the rotational axis of the filter wheel~~housing~~ for selective interposition between the light source and the aperture.

12. (currently amended) The spotlight of claim 16, wherein at least one of the filters includes multiple filter elements.

13. (original) The spotlight of claim 12, wherein the multiple filter elements are formed in a stack in one or more chambers.

14. (original) The spotlight of claim 13, wherein the stack includes at least four filter elements.

15. (previously amended) The spotlight of claim 12, wherein the filter elements are coated on at least one side.

16. (original) The spotlight of claim 15, wherein the filter elements are coated on both sides.

17. (previously amended) The spotlight of claim 12, wherein the filters filter light of different wavelengths.

18. (currently amended) The spotlight of claim ~~14~~10, wherein the chambers are radially offset in the filter wheel~~rotatable portion~~ from the rotational axis of the filter wheel~~rotatable portion~~.

19. (currently amended) The spotlight of claim ~~17~~17, wherein the rotational axis of the filter wheel~~one of the filter housing and the rotatable portion~~ is parallel to and laterally disposed from the longitudinal axis of the spotlight.

20. (currently amended) The spotlight of claim ~~16~~16, wherein the aperture is located in a housing separate from the filter housing.

Claims 21-22 (cancelled)

23. (currently amended) The spotlight of claim 1, wherein the recess portion is correspondingly shaped to the shape of ~~the~~ portion of said first lens.

24. (currently amended) The spotlight of claim ~~9~~1, wherein the aperture is radially located in the filter wheel~~housing~~ to be aligned with one chamber.

25. (currently amended) The spotlight of claim 24, wherein the aperture is located on the opposite side of the filter wheelhousing to said at least one chamber.

26. (currently amended) The spotlight of claim 1, wherein the filter wheelhousing has a plurality of chambers and a plurality of apertures.

27. (original) The spotlight of claim 26, wherein the plurality of apertures have differing diameters associated with different chambers of said plurality of chambers.

28. (currently amended) The spotlight of claim 1, further including ~~wherein~~ a second lens ~~is provided~~ which is moveable relative to the first lens so as to collimate the output light beam at different distances.

29. (original) The spotlight of claim 28, wherein the first lens and said second lens are coated on a lens mounting for simultaneous movement.

30. (previously amended) The spotlight of claim 29, wherein the first lens and said second lens move at different linear rates to maintain an even beam profile.

Claim 31 (cancelled)

32. (new) The spot light of Claim 1, wherein the aperture is located in the recess portion .